

Catalog Number
Notes
Type

FEATURES & SPECIFICATIONS

INTENDED USE — The 6" Wafer-Thin LED recessed downlight with remote driver box combines high quality light output and efficiency while eliminating the pot light housing for competitive affordability. This innovative wafer-slim Type IC design allows easy installation for new construction or remodel from below the ceiling without the requirement of a pot light housing. The LED module maintains at least 70% light output for 36,000 hours. These LED Wafer downlights are intended for closets, attics, hallways, bathrooms, kitchens, basements, soffits, entry ways, porches, garages, stairwells, corridors, nursing/retirement homes, condos, elevators, apartments, and any other small areas.

CONSTRUCTION — Ideal for shallow ceiling plenum since a pot light housing is NOT required. IC rated driver and fixture - approved for direct contact with insulation. Aluminum die cast outer frame. Durable, powder coat paint to prevent rust. Round fixture with integral edge-lit LED's. Steel spring clip for easy installation. Plenum rated cable connector to connect from module to remote driver box. Isolated driver integrated inside steel remote box with four 7/8" knockouts with slots for pryout. Not suitable for pulling wires.

OPTICS — Wafer-Thin downlight edge-lit LED technology uses light guided plate to distribute light. Polycarbonate lens provides even illumination throughout the space. Utilized 3000K and 4000K color temperature LEDs.

ELECTRICAL — Connect directly to 120V power supply via provided UL recognized driver. High efficient driver with power factor > 0.9. Ambient operating temperature: -40°F (-40°C) to +104°F (+40°C). Dimming down to 10% (See page 2 for recommended dimmers). Standard input wattage is 13W, 79 lumens per watt.

LISTINGS — CSA certified to Canadian safety standards. ENERGY STAR® certified product. Wet location. Air Tight certified in accordance with ASTM E283-2004.

WARRANTY — 5-year limited warranty. Complete warranty terms located at : www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

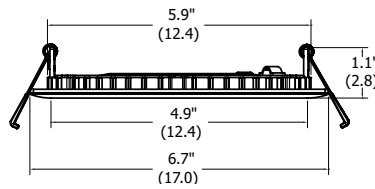
Wafer LED Recessed Downlight WF6 6" LED Module

IC/Non-IC
New Construction/Remodel

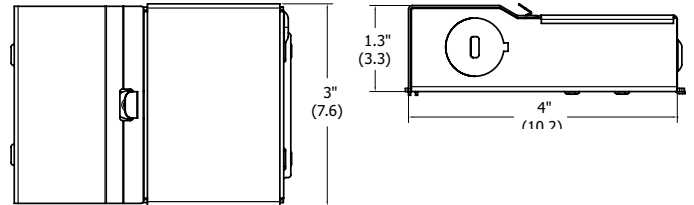


Specifications

Aperture:	4.9 (12.4)
Ceiling opening:	6 (15.2)
Overlap trim:	6.7 (17)
Height:	1.1 (2.8)



All dimensions are in inches (centimeters) unless otherwise indicated.



ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

Example: WF6 LED 30K MW

WF6	LED	MW
Series	Lamp	Finish
WF6 6" wafer-thin LED downlight	LED LED	MW Matte white
	30K 3000K/80CRI/13W/1020L	
	40K 4000K/80CRI/13.6W/1200L	

Notes

1 Total system delivered lumens.

WF6 6" LED Wafer Module

PHOTOMETRICS

Distribution Curve

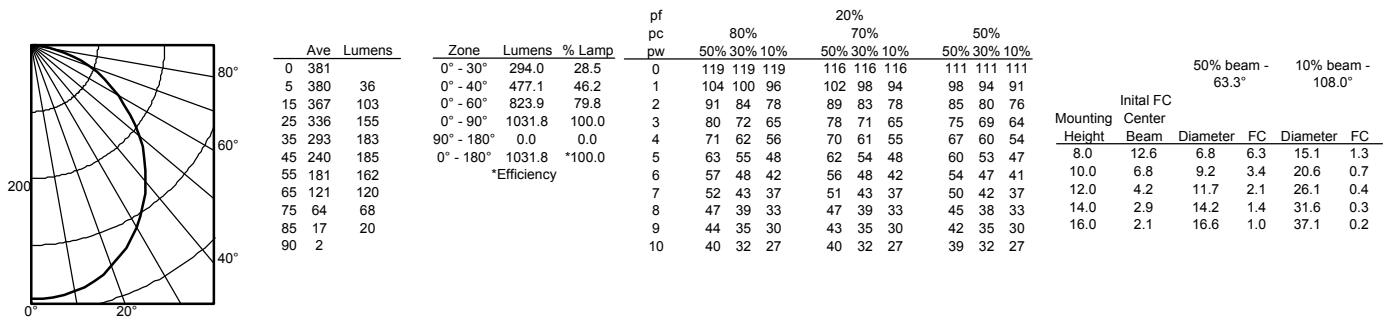
Distribution Data

Output Data

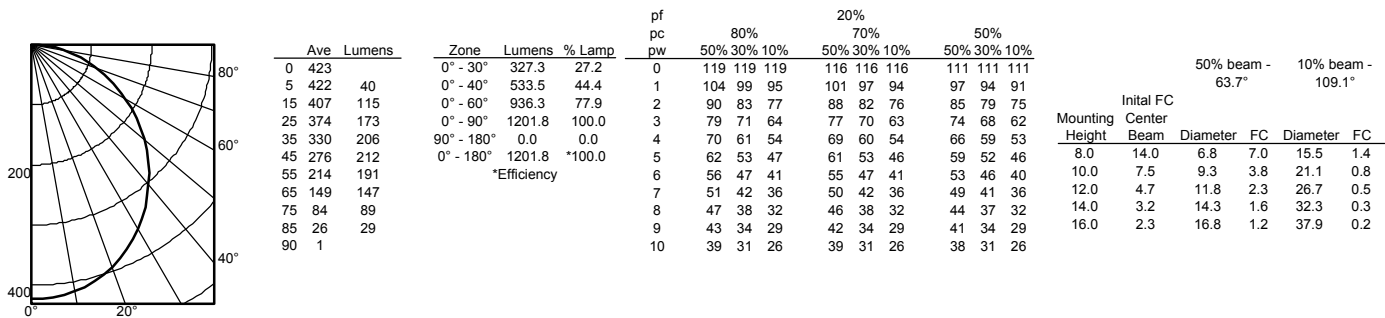
Coefficient of Utilization

Illuminance Data at 30" Above Floor for a Single Luminaire

WF6 LED 30K, 3000 K LEDs, input watts: 13, delivered lumens: 1020, LM/W=78.5, test no. ISF 30024



WF6 LED 40K, 4000 K LEDs, input watts: 13.6, delivered lumens: 1200, LM/W=88.2, test no. ISF 30376




ENERGY DATA & DIMMING CAPABILITY

6" ENERGY DATA - 3000K	
Lumens	1020
Color temperature	3000K
CRI	80
Lumens/Watt	78.5
Min. starting temperature	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A standards
Input voltage	120V
Min. power factor	0.99
Input frequency	50/60 Hz
Rated wattage	13W
Input power	13W
Input current	0.11A

6" ENERGY DATA - 4000K	
Lumens	1200
Color temperature	4000K
CRI	80
Lumens/Watt	88.2
Min. starting temperature	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A standards
Input voltage	120V
Min. power factor	0.99
Input frequency	50/60 Hz
Rated wattage	13.6W
Input power	13.6W
Input current	0.11A

SUGGESTED DIMMERS	
Lutron	300PSELV
	NTELV-300P
	NLV-600
Leviton	IPL06-LED/INC mode
	6633-PA
Pass & Seymour	HCL453PTCCCV6
Synergy/Leviton	ISP 120 600
Sensor Switch	nSP5 PCD 2W


LIGHTING FACTS


LITHONIA LIGHTING

Light Output (Lumens)	1020
Watts	13
Lumens per Watt (Efficacy)	78.46

Color Accuracy Color Rendering Index (CRI)	80
--	-----------

Light Color
Correlated Color Temperature (CCT) **3000 (Bright White)**




Warm White Bright White Daylight

2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the *Label Reference Guide*.


Registration Number: NJSM-DA19C6 (3/15/2016)
Model Number: WF6 LED 30K
Type: Luminaire - Downlight


LITHONIA LIGHTING

Light Output (Lumens)	1200
Watts	13.6
Lumens per Watt (Efficacy)	88.24

Color Accuracy Color Rendering Index (CRI)	80
--	-----------

Light Color
Correlated Color Temperature (CCT) **4000 (Bright White)**



Warm White Bright White Daylight

2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the *Label Reference Guide*.

Registration Number: NJSM-WQSE6W (3/15/2016)
Model Number: WF6 LED 40K
Type: Luminaire - Downlight